

Listing of the Claims:

1. (Currently amended) An elongated structure for the transmission of fluid-based compositions at non-ambient temperatures comprising:
 - a first conduit for the transmission of a fluid-based composition;
 - at least one flexible elongated temperature control conduit for the transmission of a temperature control fluid, said temperature control conduit having a pair of generally opposing walls, a first wall radially outward relative to said first conduit, a second wall radially inward relative to said first conduit and a relatively rigid elongated reinforcement member positioned in one of the first and second walls; and
 - an elongated cover holding said elongated temperature control conduit in thermal communication with said first conduit, wherein the cover has an outwardly oriented surface and an opposed inwardly oriented surface disposed radially inward thereof, the outwardly oriented surface of the cover in radial spaced relationship to the first conduit and defining a cavity spaced between the cover and the first conduit, wherein the flexible elongated conduit is positioned in said cavity.
2. (Original) The structure of claim 1 wherein said elongated cover comprises a fluid-tight outer conduit enclosing said temperature control conduit and said first conduit.
3. (Currently Amended) The structure of claim 2 wherein said at least one flexible elongated temperature control outer conduit comprises a flexible polymeric homogeneous material.
4. (Original) The structure of claim 2 wherein said outer conduit contains no integral structural reinforcement.
5. (Original) The structure of claim 2 wherein said outer conduit includes no superficial structural reinforcement.
6. (Original) The structure of claim 1 wherein said reinforcement member extends radially with respect to said first conduit.
7. (Original) The structure of claim 6 wherein said temperature control conduit has a pair of generally opposing walls, a first wall radially outward relative to said first conduit and a second wall radially inward relative to said first conduit, said reinforcement member disposed on said first wall.

8. (Currently amended) The structure of claim 6 wherein said temperature control conduit has a pair of generally opposing walls, a first wall radially outward relative to said first conduit and a second wall radially inward relative to said first conduit, ~~said reinforcement member disposed on said second wall.~~

9. (Previously presented) The structure of claim 6 wherein said reinforcement member includes an elongated generally planar reinforcement tab.

10. (Original) The structure of claim 9 wherein said reinforcement member comprises a radially extending body and said reinforcement tab extends circumferentially of said body.

11. (Original) The structure of claim 1 further comprising a sensor within said cover for detecting the pressure of said temperature control fluid outside of said temperature control conduit.

12. (Currently amended) The structure of claim 1 including a pair of polymeric temperature control conduits held on generally opposing sides of said first conduit and wherein said reinforcement member extends radially with respect to said first conduit and includes a generally planar reinforcement tab.

13. (Original) The structure of claim 1 wherein said temperature control conduit is inflatable by the introduction of said temperature control fluid.

14. (Original) The structure of claim 1 wherein said reinforcing member is disposed within the interior of said temperature control conduit.

15. (Previously presented) The structure of claim 1 wherein the first wall of said temperature control conduit is arcuate and radially outward relative to said first conduit and the second wall is radially inward relative to said first conduit.

16. (Previously presented) The structure of claim 1 wherein the first wall is radially outward relative to said first conduit and the second wall is arcuate and is radially inward relative to said first conduit.

17. (Currently amended) An elongated conduit for the transmission of temperature control fluids, comprising:

a flexible fluid-tight polymeric wall, the flexible fluid tight wall having an internal channel and at least two opposed wall members, wherein one wall member having a convex outer surface and an opposed wall member having a concave outer surface, wherein the opposed wall surfaces define an internal channel having a non-circular cross section; and

an axially and radially inwardly extending rib, said rib being more rigid than said wall.

18. (Previously presented) The conduit of claim 17 wherein said rib includes an elongated generally planar reinforcement tab.

19. (Cancelled)

20. (Original) The conduit of claim 17 wherein said conduit is inflatable by the introduction of a temperature control fluid.

21. (Original) The structure of claim 17 wherein said conduit has a pair of generally opposing walls, an arcuate inwardly curving first wall and a second wall.

22. (Original) The structure of claim 17 wherein said conduit has a pair of generally opposing walls, a first wall and an arcuate outwardly curving second wall.

23. (Currently amended) An assembly for providing temperature control for a fluid within a subject conduit conveying fluid in a fluid conveying direction, said assembly comprising:

an elongated flexible cover,

at least one temperature control conduit having a pair of opposed walls with one of said walls disposed proximate to the subject conduit and another of the pair disposed a spaced distance therefrom and a relatively rigid inner rib extending along substantially the length of said temperature control conduit, said temperature control conduit disposed within said cover and configured to convey temperature control fluid in a temperature control fluid direction; and

a releasable fastener to hold said cover around said subject conduit such that said temperature control conduit is in thermal communication with said subject conduit and the temperature control fluid direction and the subject fluid conveying direction are parallel to each other .

24. (Original) The assembly of claim 23 wherein said cover further comprises at least one pocket for holding said temperature control conduit.

25. (Original) The assembly of claim 23 wherein said cover conduit comprises a flexible homogenous material.

26. (Original) The assembly of claim 23 wherein said cover contains no integral structural reinforcement.

27. (Previously presented) The assembly of claim 23 wherein said rib includes an elongated generally planar reinforcement tab.

28. (Original) The assembly of claim 27 wherein said rib comprises a radially extending body and said reinforcement tab extends circumferentially of said body.

29. (Original) The assembly of claim 23 further comprising a sensor within said cover for detecting the pressure of said temperature control fluid outside of said temperature control conduit.

30. (Currently amended) The assembly of claim 23 including An assembly for providing temperature control for a fluid within a subject conduit conveying fluid in a fluid conveying direction, said assembly comprising:

an elongated flexible cover,

a pair of temperature control conduits held on generally opposing sides of said first conduit, each temperature conduit having a relatively rigid inner rib extending along substantially the length of said temperature control conduit, said temperature control conduit disposed within said cover and configured to convey temperature control fluid in a temperature control fluid direction; and

a fastener to hold said cover around said subject conduit such that said temperature control conduit is in thermal communication with said subject conduit and the temperature control fluid direction and the subject fluid conveying direction are parallel to each other.

31. (Original) The assembly of claim 23 where said temperature control conduit is inflatable by the introduction of said temperature control fluid.

32. (Currently amended) The assembly of claim 23 An assembly for providing temperature control for a fluid within a subject conduit conveying fluid in a fluid conveying direction, said assembly comprising:

an elongated flexible cover,

at least one temperature control conduit, wherein said temperature control conduit has a pair of generally opposing walls, and arcuate inwardly curving first wall and a second wall, and a relatively rigid inner rib extending along substantially the length of said temperature control conduit, said temperature control conduit disposed within said cover and configured to convey temperature control fluid in a temperature control fluid direction; and

a fastener to hold said cover around said subject conduit such that said

temperature control conduit is in thermal communication with said subject conduit and the temperature control fluid direction and the subject fluid conveying direction are parallel to each other.

33. (Original) The assembly of claim 23 wherein said temperature control conduit has a pair of generally opposing walls, a first wall and an arcuate outwardly curving second wall.